bs-5661R **[Primary Antibody]**

phospho-NFKB p65 (Thr435) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5970 **SWISS:** Q04206

Target: NFKB p65 (Thr435)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human NFKBp65 around the phosphorylation site of Thr435: EG(p-T)LS.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011].

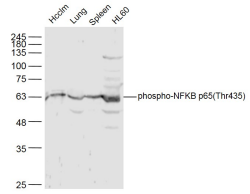
Applications: **WB** (1:500-2000)
Flow-Cyt (2ug/Test)
ICC/IF (1:100)

Reactivity: Human, Mouse (predicted: Rat)

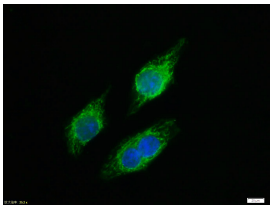
Predicted MW.: 61 kDa

Subcellular Location: Cytoplasm ,Nucleus

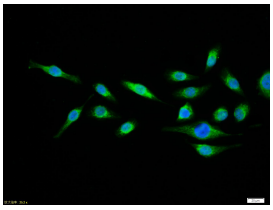
VALIDATION IMAGES



Sample: Hcclm3 Cell(Human) Lysate at 40 ug Lung (Mouse) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug HL60 Cell (Human) Lysate at 40 ug Primary: Anti-phospho-NFKB p65(Thr435) (bs-5661R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD Observed band size: 61 kD



Tissue/cell:MCF7 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Antibody incubation with (phospho-NFKB p65 (Thr435)) polyclonal Antibody, Unconjugated (bs-5661R) 1:100, 90 minutes at 37°C; followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



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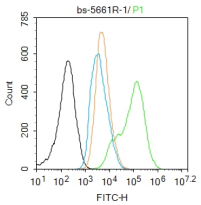
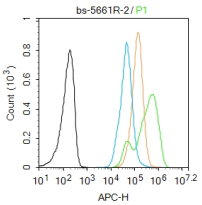


Blank control:A431. Primary Antibody (green line): Rabbit Anti-phospho-NFKB p65 (Thr435) antibody (bs-5661R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 1µg /test. Protocol The cells were



Blank control:MCF7. Primary Antibody (green line): Rabbit Anti-phospho-NFKB p65 (Thr435) antibody (bs-5661R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were

fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at-20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

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SELECTED CITATIONS

- **[IF=9.429]** Zhu Ting-ting. et al. Melanin-like polydopamine nanoparticles mediating anti-inflammatory and rescuing synaptic loss for inflammatory depression therapy. J NANOBIOTECHNOL. 2023 Dec;21(1):1-19 WB ;Mouse. 36765377
- **[IF=5.8]** Yuhan Lin. et al. Puerarin inhibits cisplatin-induced ototoxicity in mice through regulation of TRPV1-dependent calcium overload. BIOCHEM PHARMACOL. 2024 Feb;220:115962 WB ;Mouse. 38043717
- **[IF=5.988]** Guirong Chen. et al. The interaction of MD-2 with small molecules in huanglian jiedu decoction play a critical role in the treatment of sepsis.. FRONT PHARMACOL. 2022 Sep;13:947095-947095 WB ;Mouse. 36160407
- **[IF=4.5]** Gan Rao. et al. Arsenic and polystyrene-nano plastics co-exposure induced testicular toxicity: Triggers oxidative stress and promotes apoptosis and inflammation in mice. ENVIRON TOXICOL. 2023 Sep;: WB,IF ;Mouse. 37705229
- **[IF=4.8]** Jizheng Li. et al. KLF15 regulates macrophage polarization patterns in deep vein thrombosis. INT IMMUNOPHARMACOL. 2025 May;155:114632 WB ;Human. 40215780